



MATERIAL SAFETY DATA SHEET

PRODUCT TRADE NAME:

HOMAX PRODUCTS, INC.

EASY TOUCH KNOCKDOWN

ITEM #4060, 4065, 4165

(HAZARD RATING: 0=LEAST, 1=SLIGHT, 2=MODERATE, 3=HIGH, 4=EXTREME) (A=SAFETY GLASSES)

HAZARDOUS MATERIAL INFORMATION SYSTEM	
HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PROTECTIVE EQUIPMENT	A

SECTION I

MANUFACTURER'S NAME:
HOMAX PRODUCTS, INC.
840 WEST HORTON ROAD
BELLINGHAM WA 98226

24 HOUR EMERGENCY PHONE NUMBER:

CHEMTREC 1-800-424-9300

FORMATION PHONE NUMBER: 1-800-729-9029

DATE OF PREPARATION:

04/22/03

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

CAS NUMBER	DESCRIPTION	PEL	TLV	%
14807-96-6	TALC	20 MPPCH/F	2MG/M	5-10%
107-21-1	ETHYLENE GLYCOL	50PPM	50PPM	1-5%
115-10-6	DIMETHYL ETHER PROPELLA	N/A	N/A	500PPM
14807-96-6	TALC	20 MPPCH/F	2MG/M	5-10%

THE DRIED FILM OF THIS PRODUCT MAY BECOME A DUST NUISANCE WHEN REMOVED BY SANDING OR GRINDING. OSHA RECOMMENDS A PEL/TWA OF 15 mg/m³ FOR TOTAL DUST AND 5mg/m³ FOR THE RESPIRABLE FRACTION. ACGIH RECOMMENDS A TLV/TWA OF 10mg/m³ FOR TOTAL DUST.

SKIN ABSORPTION MAY CONTRIBUTE TO THE OVERALL EXPOSURE TO THIS MATERIAL. TAKE APPROPRIATE MEASURES TO PREVENT SKIN CONTACT.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE AND ODOR:	GRAYISH-WHITE LIQUID WITH TYPICAL LATEX ODOR.
BOILING POINT:	N/E
VAPOR PRESSURE:	>1
WATER SOLUBILITY %:	N/E
VAPOR DENSITY (AIR = 1):	>1
EVAPORATION RATE:	<1
SPECIFIC GRAVITY (WATER = 1):	0.939
% VOLATILITY BY VOLUME:	59.74
N/E = NOT ESTABLISHED	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/E

LEL:	N/A
FLAMMABLE LIMITS:	N/E
UEL:	N/A
EXTINGUISHING MEDIA:	USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE, ALCOHOL FOAM.
UNIFORM FIRE CODE STANDARD 88-1	LEVEL ONE AEROSOL

SPECIAL FIREFIGHTING PROCEDURES:

FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IF DUSTY CONDITIONS ARE PRESENT. USE WATER SPRAY TO COOL EXPOSED CONTAINERS. IF POSSIBLE, LET BURN UNTIL SOURCE OF GAS IS SHUT OFF. SEVERE HAZARD WHEN EXPOSED TO HEAT OR FLAME.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

CLOSED CONTAINERS MAY EXPLODE DUE TO BUILD UP OF PRESSURE FROM EXTREME HEAT OF FIRE. MIXTURES WITH AIR ARE HIGHLY FLAMMABLE.

SECTION V - REACTIVITY DATA

STABILITY:

MATERIAL IS STABLE. HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

INCOMPATIBILITY (MATERIALS TO AVOID):

BASED ON THE PRESENCE OF COMPONENT 2 AVOID OXIDIZING MATERIALS, AVOID ALKALIES, HIGH TEMPERATURE, KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. STRONG OXIDIZING AGENTS, OXYGEN, ACETIC ACID, ORGANIC ACID ANHYDRIDES.

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON DIOXIDE, CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

CONDITIONS TO AVOID:

TEMPERATURES ABOVE 1500F. HYDROFLUORIC ACID. AVOID HIGH TEMPERATURE, IGNITION SOURCES.

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION: YES SKIN: YES INGESTION: YES

HEALTH HAZARDS (ACUTE AND CHRONIC):

BASED ON THE PRESENCE OF COMPONENT 1 CHRONIC OVER EXPOSURE TO TALC DUST MAY CAUSE SCARRING OF THE LUNGS. BASED ON THE PRESENCE OF COMPONENT 2 PRODUCT IS PRESUMED TO BE AN ANIMAL TERATOGEN. EXPOSURE TO HIGH VAPOR CONCENTRATIONS MAY PRODUCE ANESTHETIC EFFECTS. EYE OR SKIN CONTACT WITH LIQUID MAY PRODUCE BURNS DUE TO THE FREEZING EFFECT.

INHALATION:

EXPOSURE MAY PRODUCE IRRITATION TO THE NOSE, THROAT, RESPIRATORY TRACT, AND OTHER MUCOUS MEMBRANES. BASED ON THE PRESENCE OF COMPONENT 2 EXPOSURE TO HIGH CONCENTRATIONS OF VAPOR MAY PRODUCE CENTRAL NERVOUS SYSTEM DEPRESSION. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE COMPONENT MAY BE HARMFUL OR FATAL. EXPOSURE TO HIGH VAPOR CONCENTRATION MAY PRODUCE ANESTHETIC EFFECTS.

INGESTION:

BASED ON THE PRESENCE OF COMPONENT 2 PRODUCT IS PRESUMED TO BE MODERATELY TOXIC. BASED ON THE PRESENCE OF COMPONENT 2 INGESTION MAY CAUSE KIDNEY DAMAGE. BASED ON THE PRESENCE OF COMPONENT 2 INGESTION MAY CAUSE LUMBAR PAIN, OLIGURIA OR UREMIA. BASED ON THE PRESENCE OF COMPONENT 2 INGESTION MAY CAUSE CENTRAL NERVOUS SYSTEM DAMAGE.

CARCINOGENICITY: NTP - NO IARC MONOGRAPHS - NO OSHA REGULATED - NO

SIGNS AND SYMPTOMS OF EXPOSURE:

SYMPTOMS OR EYE IRRITATION INCLUDE PAIN, TEARING, REDDENING AND SWELLING. SYMPTOMS OF SKIN IRRITATION INCLUDE REDDENING, SWELLING, RASH AND REDNESS. SYMPTOMS OF RESPIRATORY IRRITATION INCLUDE RUNNY NOSE, SORE THROAT, COUGHING, CHEST DISCOMFORT, SHORTNESS OF BREATH, AND REDUCED LUNG FUNCTION. SYMPTOMS OF GASTROINTESTINAL IRRITATION INCLUDE SORE THROAT, ABDOMINAL PAIN, NAUSEA, VOMITING AND DIARRHEA. BASED ON THE PRESENCE OF COMPONENT 2 CENTRAL NERVOUS SYSTEM DEPRESSION MAY BE EVIDENCED BY HEADACHE, DIZZINESS, NAUSEA AND SYMPTOMS OF INTOXICATION; IN EXTREME CASES, UNCONSCIOUSNESS AND DEATH MAY OCCUR. SYMPTOMS OF CHRONIC OVEREXPOSURE INCLUDE LOSS OF MEMORY, LOSS OF INTELLECTUAL ABILITY AND LOSS OF COORDINATION. CONTACT WITH LIQUID MAY PRODUCE FREEZING EFFECTS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

PREEXISTING EYE, SKIN OR RESPIRATORY DISORDERS MAY BE AGGRAVATED. IMPAIRED CENTRAL NERVOUS SYSTEM FUNCTIONS FROM PREEXISTING DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

EMERGENCY AND FIRST AID PROCEDURES:

IF INHALED:

REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET IMMEDIATE MEDICAL ATTENTION.

EYE CONTACT:

IMMEDIATELY FLUSH EYES WITH LOTS OF RUNNING WATER FOR 15 MINUTES, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET IMMEDIATE MEDICAL ATTENTION IF SYMPTOMS PERSIST.

SKIN CONTACT:

IMMEDIATELY WASH SKIN WITH LOTS OF SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES; WASH BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS AFTER WASHING.

INGESTION:

DILUTE WITH TWO GLASSES OF WATER UNLESS THE VICTIM IS UNCONSCIOUS OR VERY DROWSY. INDUCE VOMITING BY GIVING TWO TABLESPOONS IPECAC OR BY TOUCHING A FINGER TO THE BACK OF THE VICTIM'S THROAT. KEEP THE VICTIM'S HEAD BELOW THE HIPS TO PREVENT ASPIRATION INTO THE LUNGS. CONSULT A PHYSICIAN, HOSPITAL OR POISON CONTROL CENTER AND / OR TRANSPORT TO AN EMERGENCY FACILITY IMMEDIATELY.

NOTES TO PHYSICIAN:

COMPONENT 2 ETHYLENE GLYCOL MAY CAUSE KIDNEY DAMAGE AND METABOLIC ACIDOSIS. ETHANOL IS ANTIDOTAL, AND ITS EARLY ADMINISTRATION MAY BLOCK THE FORMATION OF NEPHROTOXIC METABOLITES OF ETHYLENE GLYCOL IN THE LIVER. ETHANOL SHOULD BE GIVEN INTRAVENOUSLY, AS A 5% SOLUTION IN SODIUM BICARBONATE, AT A RATE OF ABOUT 10ml ETHANOL PER HOUR. A DESIRED THERAPEUTIC LEVEL OF ETHANOL IN BLOOD IS 100mg/dl. HEMODIALYSIS MAYBE REQUIRED. PULMONARY EDEMA WITH HYPOXEMIA HAS BEEN DESCRIBED IN A NUMBER OF PATIENTS FOLLOWING POISONING WITH ETHYLENE GLYCOL. THE MECHANISM OF PRODUCTION HAS NOT BEEN ELUCIDATED, BUT IT APPEARS TO BE NONCARDIOGENIC IN ORIGIN IN SEVERAL CASES. RESPIRATORY SUPPORT WITH MECHANICAL VENTILATION AND POSITIVE END-EXPIRATORY PRESSURE MAY BE REQUIRED.

WARNING:

THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

FOR LARGE SPILLS EVACUATE THE HAZARD AREA OF UNPROTECTED PERSONNEL. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK ONLY IF SAFE TO DO SO. DIKE AND CONTAIN. IF VAPOR CLOUD FORMS, WATER FOG MAY BE USED TO SUPPRESS; CONTAIN RUN-OFF. REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL; PLACE IN NONLEAKING CONTAINERS FOR PROPER DISPOSAL. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE; DISPOSE OF FLUSH SOLUTIONS AS ABOVE. REMOVE ALL SOURCES OF IGNITION: SPARKS,

STATIC ELECTRICITY & ELECTRICAL. VENTILATE AREA. DISPERSE WITH WATER SPRAY. KEEP PERSONNEL UP-WIND.
FOR SMALL SPILLS TAKE UP WITH AN ABSORBENT MATERIAL AND PLACE IN NONLEAKING CONTAINERS; SEAL TIGHTLY FOR PROPER DISPOSAL.

WASTE DISPOSAL:

DISPOSE OF CONTAMINATED PRODUCT AND MATERIALS USED IN CLEANING UP SPILLS AND LEAKS IN A MANNER APPROVED FOR THIS MATERIAL. CONSULT APPROPRIATE FEDERAL, STATE AND LOCAL REGULATORY AGENCIES TO ASCERTAIN PROPER PROCEDURES. BURN UNDER CONTROLLED CONDITIONS. DO NOT INCINERATE CLOSED CONTAINERS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

STORE IN COOL, DRY PLACE. KEEP BAGS AND CONTAINERS DRY AT ALL TIMES. WASH THOROUGHLY AFTER HANDLING. DO NOT GET IN EYES, ON SKIN OR CLOTHING. DO NOT STORE ABOVE 120 DEG. F. DO NOT STORE NEAR HEAT, SPARKS OR FLAME. PROTECT FROM ALL SOURCES OF IGNITION.

OTHER PRECAUTIONS:

CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, WILL RETAIN PRODUCT RESIDUE. ALWAYS OBEY HAZARD WARNINGS AND HANDLE EMPTY CONTAINERS AS IF THEY WERE FULL. DO NOT GET IN EYES, BREATHE VAPORS. AVOID SKIN CONTACT. DO NOT TAKE INTERNALLY. SMOKING WHEN USING THIS PRODUCT MUST BE STRICTLY PROHIBITED.

SECTION VIII –CONTROL MEASURES

RESPIRATORY PROTECTION:

USE VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS AT LEAST 10 AIR CHANGES PER HOUR AREA RECOMMENDED FOR GOOD GENERAL ROOM VENTILATION. IF EXPOSURE EXCEEDS THE PEL/TLV, USE A NIOSH-APPROVED DUST RESPIRATOR OR MASK PER REQUIREMENTS OF 29 CFR 1910.134.

VENTILATION:

USE LOCAL EXHAUST CAPABLE OF MINIMIZING VAPOR CONCENTRATIONS AT POINT OF USE. ALL APPLICATION AREAS SHOULD BE ADEQUATELY VENTILATED IN ORDER NOT TO EXCEED SECTION II COMPONENT TLV.

PROTECTIVE GLOVES:

USE NEOPRENE OR OTHER SOLVENT RESISTANT GLOVES TO PREVENT SKIN CONTACT.

EYE PROTECTIONS:

NIOSH-APPROVED DUST GOGGLES OR A SPLASH SHIELD SHOULD BE USED TO PREVENT SKIN CONTACT. CONTACT LENSES SHOULD NOT BE WORN.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

LONG-SLEEVED SHIRT, TROUSERS AND SAFETY SHOES. FREEZING RESISTANT GLOVES ARE RECOMMENDED.

WORK/HYGIENIC PRACTICES:

AVOID SKIN OR EYE CONTACT. DO NOT BREATHE VAPORS. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. AN EYEWASH AND SAFETY SHOWER SHOULD BE NEARBY AND READY FOR USE.

SECTION IX- DISCLAIMER

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE, OBTAINED FROM SOURCES BELIEVED BY HOMAX PRODUCTS, INC. TO BE ACCURATE. SINCE THE CONDITIONS AND METHODS OF USE OF OUR PRODUCTS ARE BEYOND OUR CONTROL, WE DISCLAIM ANY AND ALL LIABILITY ARISING OUT OF THE IMPROPER USE OF THESE PRODUCTS OR THE INFORMATION PROVIDED HERewith.

SHIPPING CLASSIFICATION: ORM-D HAZARDOUS MATERIAL DEFINED BY THE DOT.

PROPER SHIPPING NAME: CONSUMER COMMODITY